

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/845,225

DATE: 05/14/2001
TIME: 12:32:25

Input Set : A:\9508005999.txt
Output Set: N:\CRF3\05142001\I845225.raw

SEQUENCE LISTING

C--> 4 (1) GENERAL INFORMATION:
6 (i) APPLICANT: Erni, B.
C--> 8 (ii) TITLE OF INVENTION: TARGET SYSTEM
10 (iii) NUMBER OF SEQUENCES: 32
12 (iv) CORRESPONDENCE ADDRESS:
13 (A) ADDRESSEE: Pennie & Edmonds LLP
14 (B) STREET: 1155 Avenue of the Americas
15 (C) CITY: New York
16 (D) STATE: New York
17 (E) COUNTRY: USA
18 (F) ZIP: 10036
20 (v) COMPUTER READABLE FORM:
21 (A) MEDIUM TYPE: Diskette
22 (B) COMPUTER: IBM Compatible
23 (C) OPERATING SYSTEM: DOS
24 (D) SOFTWARE: FastSEQ Version 2.0
26 (vi) CURRENT APPLICATION DATA:
C--> 27 (A) APPLICATION NUMBER: US/09/845,225
C--> 28 (B) FILING DATE: 30-Apr-2001
29 (C) CLASSIFICATION:
31 (viii) ATTORNEY/AGENT INFORMATION:
32 (A) NAME: Gerald J. Flintoft
33 (B) REGISTRATION NUMBER: 20,823
34 (C) REFERENCE/DOCKET NUMBER:
36 (ix) TELECOMMUNICATION INFORMATION:
37 (A) TELEPHONE: 212-790-9090
38 (B) TELEFAX: 212-869-9741
39 (C) TELEX: 66141 PENNIE
42 (2) INFORMATION FOR SEQ ID NO: 1:
44 (i) SEQUENCE CHARACTERISTICS:
45 (A) LENGTH: 7 amino acids
46 (B) TYPE: amino acid
47 (D) TOPOLOGY: linear
49 (ii) MOLECULE TYPE: peptide
51 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
53 Lys Lys Phe His Leu Arg Lys
54 1 5
56 (2) INFORMATION FOR SEQ ID NO: 2:
58 (i) SEQUENCE CHARACTERISTICS:
59 (A) LENGTH: 7 amino acids
60 (B) TYPE: amino acid
61 (D) TOPOLOGY: linear
63 (ii) MOLECULE TYPE: peptide
66 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
68 Lys Lys Phe Ala Leu Arg Lys
69 1 5

ENTERED

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71 (2) INFORMATION FOR SEQ ID NO: 3:
73 (i) SEQUENCE CHARACTERISTICS:
74 (A) LENGTH: 7 amino acids
75 (B) TYPE: amino acid
76 (D) TOPOLOGY: linear
78 (ii) MOLECULE TYPE: peptide
80 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
82 Lys Lys Phe Asp Leu Arg Lys
83 1 5
85 (2) INFORMATION FOR SEQ ID NO: 4:
87 (i) SEQUENCE CHARACTERISTICS:
88 (A) LENGTH: 12 amino acids
89 (B) TYPE: amino acid
90 (D) TOPOLOGY: linear
92 (ii) MOLECULE TYPE: peptide
94 (ix) FEATURE:
95 (A) NAME/KEY: peptide
96 (B) LOCATION: 1
97 (D) OTHER INFORMATION: /label=Xaa
98 /note= "wherein Xaa can be any amino acid"
100 (ix) FEATURE:
101 (A) NAME/KEY: peptide
102 (B) LOCATION: 2
103 (D) OTHER INFORMATION: /label=Xaa
104 /note= "wherein Xaa can be any amino acid"
106 (ix) FEATURE:
107 (A) NAME/KEY: peptide
108 (B) LOCATION: 11
109 (D) OTHER INFORMATION: /label=Xaa
110 /note= "wherein Xaa can be any amino acid"
112 (ix) FEATURE:
113 (A) NAME/KEY: peptide
114 (B) LOCATION: 12
115 (D) OTHER INFORMATION: /label=Xaa
116 /note= "wherein Xaa can be any amino acid"
119 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
W--> 121 Xaa Xaa Lys Lys Trp His Leu Arg Lys Arg Xaa Xaa
122 1 5 10
124 (2) INFORMATION FOR SEQ ID NO: 5:
126 (i) SEQUENCE CHARACTERISTICS:
127 (A) LENGTH: 8 amino acids
128 (B) TYPE: amino acid
129 (D) TOPOLOGY: linear
131 (ii) MOLECULE TYPE: peptide
133 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
135 Lys Lys Trp His Leu Arg Lys Arg
136 1 5
138 (2) INFORMATION FOR SEQ ID NO: 6:
140 (i) SEQUENCE CHARACTERISTICS:

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141 (A) LENGTH: 8 amino acids
142 (B) TYPE: amino acid
143 (D) TOPOLOGY: linear
145 (ii) MOLECULE TYPE: peptide
147 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
149 Lys Gly Trp His Lys Arg Lys Lys
150 1 5
152 (2) INFORMATION FOR SEQ ID NO: 7:
154 (i) SEQUENCE CHARACTERISTICS:
155 (A) LENGTH: 8 amino acids
156 (B) TYPE: amino acid
157 (D) TOPOLOGY: linear
159 (ii) MOLECULE TYPE: peptide
161 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
163 Lys Lys Trp His Arg Arg Lys Lys
164 1 5
166 (2) INFORMATION FOR SEQ ID NO: 8:
168 (i) SEQUENCE CHARACTERISTICS:
169 (A) LENGTH: 8 amino acids
170 (B) TYPE: amino acid
171 (D) TOPOLOGY: linear
173 (ii) MOLECULE TYPE: peptide
175 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
177 Lys Lys Trp His Lys Arg Lys Lys
178 1 5
180 (2) INFORMATION FOR SEQ ID NO: 9:
182 (i) SEQUENCE CHARACTERISTICS:
183 (A) LENGTH: 8 amino acids
184 (B) TYPE: amino acid
185 (D) TOPOLOGY: linear
187 (ii) MOLECULE TYPE: peptide
189 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
191 Lys Lys Phe His Ile Arg Lys Arg
192 1 5
194 (2) INFORMATION FOR SEQ ID NO: 10:
196 (i) SEQUENCE CHARACTERISTICS:
197 (A) LENGTH: 9 amino acids
198 (B) TYPE: amino acid
199 (D) TOPOLOGY: linear
201 (ii) MOLECULE TYPE: peptide
203 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
205 Pro Asn Gly Leu His Thr Arg Pro Ala
206 1 5
208 (2) INFORMATION FOR SEQ ID NO: 11:
210 (i) SEQUENCE CHARACTERISTICS:
211 (A) LENGTH: 9 amino acids
212 (B) TYPE: amino acid
213 (D) TOPOLOGY: linear
215 (ii) MOLECULE TYPE: peptide

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217 (ix) FEATURE:
218 (A) NAME/KEY: peptide
219 (B) LOCATION: 1
220 (D) OTHER INFORMATION: /label=Pro
221 /note= "wherein a biotin molecule is covalently
222 linked to Pro at position 1"
224 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
226 Pro Asn Gly Leu His Thr Arg Pro Ala
227 1 5
229 (2) INFORMATION FOR SEQ ID NO: 12:
231 (i) SEQUENCE CHARACTERISTICS:
232 (A) LENGTH: 4 amino acids
233 (B) TYPE: amino acid
234 (D) TOPOLOGY: linear
236 (ii) MOLECULE TYPE: peptide
238 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
240 Trp His Lys Arg
241 1
243 (2) INFORMATION FOR SEQ ID NO: 13:
245 (i) SEQUENCE CHARACTERISTICS:
246 (A) LENGTH: 4 amino acids
247 (B) TYPE: amino acid
248 (D) TOPOLOGY: linear
250 (ii) MOLECULE TYPE: peptide
252 (ix) FEATURE:
253 (A) NAME/KEY: peptide
254 (B) LOCATION: 1
255 (D) OTHER INFORMATION: /label=Trp
256 /note= "wherein Trp is acetylated"
258 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
260 Trp His Lys Arg
261 1
265 (2) INFORMATION FOR SEQ ID NO: 14:
267 (i) SEQUENCE CHARACTERISTICS:
268 (A) LENGTH: 15 amino acids
269 (B) TYPE: amino acid
270 (D) TOPOLOGY: linear
272 (ii) MOLECULE TYPE: peptide
277 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
279 Gly Leu Arg Phe Gly Lys Thr Arg Val His Tyr Leu Val Leu Gly
280 1 5 10 15
282 (2) INFORMATION FOR SEQ ID NO: 15:
284 (i) SEQUENCE CHARACTERISTICS:
285 (A) LENGTH: 15 amino acids
286 (B) TYPE: amino acid
287 (D) TOPOLOGY: linear
289 (ii) MOLECULE TYPE: peptide
291 (ix) FEATURE:
292 (A) NAME/KEY: peptide

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293 (B) LOCATION: 11
294 (D) OTHER INFORMATION: /label=Trp.
295 /note= "wherein Trp is acetylated"
297 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
299 Ser Gly Arg Lys Ser Thr Arg Val His His Trp Leu Leu Val Leu
300 1 5 10 15
302 (2) INFORMATION FOR SEQ ID NO: 16:
304 (i) SEQUENCE CHARACTERISTICS:
305 (A) LENGTH: 10 amino acids
306 (B) TYPE: amino acid
307 (D) TOPOLOGY: linear
309 (ii) MOLECULE TYPE: peptide
311 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
314 Lys Met Ser Arg His Arg Lys Pro Gly Ala
315 1 5 10
317 (2) INFORMATION FOR SEQ ID NO: 17:
319 (i) SEQUENCE CHARACTERISTICS:
320 (A) LENGTH: 10 amino acids
321 (B) TYPE: amino acid
322 (D) TOPOLOGY: linear
324 (ii) MOLECULE TYPE: peptide
326 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
328 Ser Ser Leu Arg Gly His Arg Trp Val Tyr
329 1 5 10
333 (2) INFORMATION FOR SEQ ID NO: 18:
335 (i) SEQUENCE CHARACTERISTICS:
336 (A) LENGTH: 10 amino acids
337 (B) TYPE: amino acid
338 (D) TOPOLOGY: linear
340 (ii) MOLECULE TYPE: peptide
342 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:
344 Lys Ile Ser Arg His Gly Lys Arg Gly Lys
345 1 5 10
347 (2) INFORMATION FOR SEQ ID NO: 19:
349 (i) SEQUENCE CHARACTERISTICS:
350 (A) LENGTH: 10 amino acids
351 (B) TYPE: amino acid
352 (D) TOPOLOGY: linear
354 (ii) MOLECULE TYPE: peptide
356 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:
358 Lys Ile Ser Arg His Gly Arg Pro Thr Gly
359 1 5 10
361 (2) INFORMATION FOR SEQ ID NO: 20:
363 (i) SEQUENCE CHARACTERISTICS:
364 (A) LENGTH: 10 amino acids
365 (B) TYPE: amino acid
366 (D) TOPOLOGY: linear
368 (ii) MOLECULE TYPE: peptide
370 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:

VERIFICATION SUMMARY

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L:4 M:220 C: Keyword misspelled or invalid format, [(1) GENERAL INFORMATION:]
L:8 M:220 C: Keyword misspelled or invalid format, [(ii) TITLE OF INVENTION:]
L:27 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:28 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4